Amendments to the Claims:

Following is a complete listing of the claims pending in the application, as amended:

- 1. (Currently Amended) A vehicle control system comprising:
- a first control link operatively coupled between at least one control input device and at least one control output device, the first control link being configured to transmit control inputs for a vehicle between the at least one control input device and the at least one control output device during normal operation, the first control link including an elongated flexible input transmission member; and
- a second control link, at least one portion of which is changeable from a disengaged state to an engaged state in response to a structural change in the elongated flexible input transmission member, the at least one portion being inactive when in the disengaged state, the at least one portion being operatively coupled between the at least one control input device and the at least one control output device to transmit control inputs between the at least one control input device and the at least one control output device and the at least one control output device when in the engaged state.
- 2. (Original) The control system of claim 1, further comprising a detection system operatively coupled to the first control link to detect at least one failure in the first control link.
 - 3. (Original) The control system of claim 1, further comprising:
 - a detection system operatively coupled to the first control link to detect at least one failure in the first control link; and
 - an engagement link operatively coupled to the detection system, the engagement link being configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects the at least one failure in the first control link.

- 4. (Currently Amended) The control system of claim 1 wherein the first control link includes an elongated flexible input transmission member configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link, and wherein the control system further comprises a detection system operatively coupled to the first control link, the detection system being configured to detect a change of tension in the elongated flexible input transmission member.
- 5. (Currently Amended) The control system of claim 1, wherein the first control link includes an elongated flexible input transmission member configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link, and wherein the control system further comprisinges:
 - a detection system operatively coupled to the first control link, the detection system being configured to detect a tension in the elongated flexible input transmission member; and
 - an engagement link configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects the tension in the elongated flexible input transmission member of the first control link has decreased below a threshold value.
- 6. (Currently Amended) The control system of claim 1 wherein the first control link includes a coupler configured to operatively engage the elongated flexible input transmission member, and wherein the control system further comprises:
 - an elongated flexible input transmission member configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link; and
 - a coupler configured to operatively engage the elongated flexible input transmission member, and wherein the control system further comprises:
 - a detection system configured to detect a tension of the elongated flexible input transmission member; and

- an engagement link configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects the tension in the elongated flexible input transmission member of the first control link less than a threshold value.
- 7. (Original) The control system of claim 1 wherein the first control link includes:
 - a cable member configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link; and
 - a pulley system configured to operatively engage the cable member, the pulley system including two pulley portions pivotally coupled to each other, at least one of the pulley portions being movable relative to the other between a first position and a second position, the at least one portion being in the first position when the cable member is under a first amount of tension, the at least one portion being in the second position when the cable member is under a second amount of tension different than the first amount of tension, the second amount of tension being associated with at least one failure in the first control link, and wherein the control system further comprises:
 - a detection system configured to detect movement of the at least one pulley portion between the first and the second positions; and
 - an engagement link configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the at least one pulley portion is in the second position.
- 8. (Original) The control system of claim 1 wherein at least a portion of the first control link includes a cable member having a diameter of less than 1/8 inch and being configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link.

- 9. (Original) The control system of claim 1 wherein at least a portion of the second control link includes a cable member having a diameter of less than 1/8 inch and being configured to transmit control inputs between a first portion of the second control link and a second portion of the second control link.
- 10. (Original) The control system of claim 1, further comprising an actuation control coupled to the second control link and configured to allow an operator to selectively engage, disengage, or both engage and disengage the second control link to actively transmit control inputs between the at least one control input device and the at least one control output device.
 - 11. (Original) The control system of claim 1, further comprising:
 - at least one detection system operatively coupled to at least one portion of the first and second control links; and
 - an annunciation system operatively coupled to the at least one detection system configured to provide at least one indication of the status of the at least one portion.
- 12 (Original) The control system of claim 1 wherein the second control link is configured to be engaged and transmit control inputs simultaneously with the first control link.
 - 13. (Original) The control system of claim 1, further comprising:
 - a detection system operatively coupled to the first control link and configured to detect a motion limitation of at least one portion of the first control link; and an engagement link configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects the motion limitation.
- 14. (Original) The control system of claim 1, further comprising the vehicle, and wherein the vehicle includes an aircraft, the at least one control input device

includes a pilot input control and the at least one control output device includes a flight control surface.

15. (Original) The control system of claim 1 wherein the at least one control input device includes a first control input device, and wherein the control system further comprises a second control input device coupled to the first control link.

16. (Canceled)

- 17. (Currently Amended) The system of claim 16 wherein the control link includes a first control link, and wherein the system further comprises A vehicle control system comprising:
 - a first control link operatively coupled between at least one control input device
 and at least one control output device, the first control link being
 configured to transmit control inputs between the at least one control input
 device and the at least one control output device, the first control link
 including an elongated flexible input transmission member positioned to
 transmit control inputs between a first portion of the first control link and a
 second portion of the first control link while under tension;
 - a detection system operatively coupled to the first control link to detect a tension of the elongated flexible input transmission member;
 - a second control link, at least one portion of which is changeable from a disengaged state to an engaged state, the at least one portion being inactive when in the disengaged state and being operatively coupled between the at least one control input device and the at least one control output device to transmit control inputs between the at least one control input device and the at least one control output device when in the engaged state; and
 - an engagement link operatively coupled to the detection system, the engagement link being configured to automatically couple the second control link between the at least one control input device and the at least one control

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output device to actively transmit control inputs when the detection system detects a level of tension corresponding to a failure of the first control link.

- 18. (Currently Amended) The system of claim 16 wherein the control link includes a first control link, the first control link includes a coupler configured to operatively engage the elongated flexible input transmission member, and the detection system is operatively associated with the coupler, and wherein the system further comprises A vehicle control system comprising:
 - a first control link operatively coupled between at least one control input device
 and at least one control output device, the first control link being
 configured to transmit control inputs between the at least one control input
 device and the at least one control output device, the first control link
 including an elongated flexible input transmission member positioned to
 transmit control inputs between a first portion of the first control link and a
 second portion of the first control link while under tension, the first control
 link including a coupler configured to operatively engage the elongated
 flexible input transmission member;
 - a detection system operatively coupled to the first control link to detect a tension of the elongated flexible input transmission member, the detection system being operatively associated with the coupler.
 - a second control link, at least one portion of which is changeable from a disengaged state to an engaged state, the at least one portion being inactive when in the disengaged state and being operatively coupled between the at least one control input device and the at least one control output device to transmit control inputs between the at least one control input device and the at least one control output device when in the engaged state; and
 - an engagement link operatively coupled to the detection system, the engagement link being configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects a level of tension corresponding to a failure of the first control link.

- 19. (Currently Amended) The system of claim 16-wherein the control link includes a first control link and wherein the elongated flexible input transmission member includes a cable member and wherein the first control link further includes A vehicle control system comprising:
 - a first control link operatively coupled between at least one control input device and at least one control output device, the first control link being configured to transmit control inputs between the at least one control input device and the at least one control output device, the first control link including an elongated flexible input transmission member positioned to transmit control inputs between a first portion of the first control link and a second portion of the first control link while under tension, the elongated flexible input transmission member including a cable member, the first control link further including a pulley system configured to operatively engage the cable member, the pulley system including two pulley portions pivotally coupled to each other, at least one of the pulley portions being movable relative to the other between a first position and a second position, the at least one portion being in the first position when the cable member is under a first amount of tension, the at least one portion being in the second position when the cable member is under a second amount of tension different than the first amount of tension, the second amount of tension being associated with at least one failure in the first control link, the detection system being configured to detect movement of the at least one pulley portion between the first and the second positions; and wherein the control system further comprises:
 - a detection system operatively coupled to the first control link to detect a tension of the elongated flexible input transmission member;
 - a second control link, at least one portion of which is changeable from a disengaged state to an engaged state, the at least one portion being inactive when in the disengaged state and being operatively coupled between the at least one control input device and the at least one control output device to transmit control inputs between the at least one control

- input device and the at least one control output device when in the engaged state; and
- an engagement link operatively coupled to the detection system, the engagement link being configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects movement of the at least one pulley portion between the first and the second positions.
- 20. (Original) An aircraft flight control system comprising:

an aircraft:

at least one pilot input control;

at least one flight control surface;

- a first control link operatively coupled between the at least one pilot input control and the at least one flight control surface, the first control link being configured to transmit control inputs between the at least one pilot input control and the at least one flight control surface during normal operation, wherein the first control link includes a cable member configured to transmit control inputs between a first portion of the first control link and a second portion of the first control link;
- a detection system operatively coupled to the cable member to detect a tension level in the cable member;
- a second control link, at least one portion of which is changeable from a disengaged state to an engaged state, the at least one portion being inactive when in the disengaged state and operatively coupled between the at least one pilot input control and the at least one flight control surface to transmit control inputs between the at least one pilot input control and the at least one flight control surface when in the engaged state; and
- an engagement link configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects a tension below a threshold tension level.

- 21. (Original) The aircraft flight control system of claim 20 wherein the first control link includes:
 - a pulley system configured to operatively engage the cable member, the pulley system including two pulley portions pivotally coupled to each other, at least one of the pulley portions being movable relative to the other between a first position and a second position, the at least one portion being in the first position when the cable member is under a first amount of tension, the at least one portion being in the second position when the cable member is under a second amount of tension different than the first amount of tension, and wherein;
 - the detection system is configured to detect movement of the at least one pulley portion between the first and the second positions, and further wherein;
 - the engagement link is configured to automatically couple the second control link between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection system detects movement of the at least one pulley portion between the first and the second positions.
 - 22. (Currently Amended) A vehicle control system comprising:
 - first control link means for operatively coupling at least one control input device and at least one control output device, the first control link means being configured to transmit control inputs between the at least one control input device and the at least one control output device during normal operation, the first control link means including an elongated flexible input transmission member; and
 - second control link means for operatively coupling the at least one control input device and the at least one control output device, at least one portion of the second control link means being changeable from a disengaged state to an engaged state an engaged state to a disengaged state in response to a structural change in the elongated flexible input transmission member, the at least one portion being configured to transmit control inputs between the at least one control input device and the at least one control

- output device when in the engaged state, the at least one portion being inactive when in the disengaged state.
- 23. (Original) The control system of claim 22, further comprising detection means for detecting at least one failure in the first control link means.
- 24. (Original) The control system of claim 22, further comprising detection means for detecting an amount of tension in a portion of the first control link means, the amount of tension being associated with at least one failure of the first control link means.
 - 25. (Original) The control system of claim 22, further comprising: detection means for detecting at least one failure in the first control link means; and
 - engagement link means for automatically coupling the second control link means between the at least one control input device and the at least one control output device to actively transmit control inputs when the detection means detects the at least one failure in the first control link means.
- 26. (Original) The control system of claim 22 wherein the at least one control input device includes at least one pilot input control and the at least one control output device includes at least one flight control surface.

27-28. (Canceled)

- 29. (Currently Amended) The system of claim 27 wherein the control link means includes first control link means and further includes An aircraft flight control system comprising:
 - first control link means for actively transmitting control inputs between at least one control input device and at least one control output device during normal operation, the control link means including an elongated flexible input transmission member, the first control link means further including

coupler means operatively coupled to the elongated flexible input transmission member, the coupler means having a first state and a second state, the first state associated with a first amount of tension in the elongated flexible input transmission member and the second state associated with a second amount of tension in the elongated flexible input transmission member, the second amount of tension associated with the at least one failure in the first control link;

- coupler means operatively coupled to the elongated flexible input transmission member, the coupler means having a first state and a second state, the first state associated with a first amount of tension in the elongated flexible input transmission member and the second state associated with a second amount of tension in the elongated flexible input transmission member, the second amount of tension associated with the at least one failure in the first control link; and
- detection means configured to detect a transition between the first state and the second state;, and wherein the system further comprises:
- second control link means for operatively coupling the at least one control input device and the at least one control output device, at least a portion of the second control link means being changeable from an engaged state to a disengaged state, the at least one portion being configured to transmit control inputs between the at least one control input device and the at least one control output device when in the engaged state, the at least one portion being inactive when in the disengaged state; and
- engagement means for automatically engaging the second control link means to actively transmit control inputs between the at least one control input device and the at least one control output device when the detection means detects the transition between the first state and the second state.
- 30. (Currently Amended) A method for manufacturing an aircraft flight control system comprising:
 - coupling a first control link between at least one control input device and at least one control output device, the first control link being configured to transmit

control inputs between the at least one control input device and the at least one control output device during normal operation, the first control link including an elongated flexible input transmission member; and

- coupling a second control link between the at least one control input device and the at least one control output device, with at least one portion of the second control link being changeable from a disengaged state to an engaged state in response to a structural change in the elongated flexible input transmission member, the at least one portion being inactive when in the disengaged state, the at least one portion being operatively coupled between the at least one control input device and the at least one control output device to transmit control inputs between the at least one control input device when in the engaged state.
- 31. (Currently Amended) The method of claim 30 wherein the first control link includes an elongated flexible input transmission member, and wherein the method further comprises:
 - coupling a detection system to the first control link, the detection system being positioned to detect at least one failure of the first control link associated with an amount of tension in the elongated flexible input transmission member; and
 - connecting an engagement link between the first and second control links, the engagement link being positioned to automatically engage the second control link to transmit control inputs between the at least one control input device and the at least one control output device when the detection system detects a tension in the elongated flexible input transmission member below a threshold value.
- 32. (Currently Amended) The method of claim 30 wherein the first control link includes an elongated flexible input transmission member, and wherein the method further comprises:

- coupling a detection system to the first control link, the detection system being positioned to detect at least one failure of the first control link associated with an amount of tension in the elongated flexible input transmission member;
- connecting an annunciation system to the detection system to indicate the at least one failure to an operator; and
- connecting an actuation control to the second control link, the actuation control being positioned to allow the operator to engage the second control link.
- 33-35. (Canceled)
- 36. (Currently Amended) A method for controlling a control output device of an aircraft flight control system comprising:
 - transmitting a control input between at least one control input device and at least one control output device via a first control link during normal operation without transmitting the control input to the at least one control output device via a second control link, at least a portion of the second control link between the at least one control input device and the at least one control output device being disengaged, the first control link including an elongated flexible input transmission member; and
 - engaging the second control link to actively transmit control inputs between the at least one control input device and the at least one control output device in response to a structural change in the elongated flexible input transmission member.
- 37. (Currently Amended) The method of claim 36 wherein the first control link includes an elongated flexible input transmission member, and wherein the method further comprises:
 - detecting at least one failure in the first control link, the at least one failure being associated with an amount of tension in the elongated flexible input transmission member;

indicating the at least one failure to an operator; and

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engaging the second control link based on input received from the operator.

38. (Currently Amended) The method of claim 36 wherein the first control link includes an elongated flexible input transmission member, and wherein the method further comprises:

detecting at least one failure in the first control link, the at least one failure associated with the amount of tension in the elongated flexible input transmission member; and

automatically engaging the second control link.

39-43. (Canceled)